

ABSTRACT

A movement control system useful for an apparatus comprising a movable member movable between two positions, a motor and a sensor device for producing an output value which changes during the movement of the movable member. The control system drives the motor in a first amount so as to move the movable member from one of the two positions to the other position and thereafter drives the motor in a second amount to move the movable member toward said one position when the output value of the sensor device remains unchanged. When the sensor device produces a changed output value, the system drives the motor in a third amount to move the movable member toward said one position. Subsequently, the system drives the motor in a fourth amount when the output value of the sensor device is different from the output value before the motor is driven in the first amount, so as to move the movable member toward said other position. The system drives the motor in the second amount when the output values are the same so as to move the movable member toward said one position.